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1875/76

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1875—'76.

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FOR THE

COLLEGIATE YEAR

1875-76.

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Margaret Stanton,	*Syracuse,* "
Theodore F. Stark,	*Syracuse,* "
F. H. Stephenson,	*Westmoreland* "
Charles Tillinghast.	*Cortland,* "
David M. Totman,	*Norwich,* "
A. B. Vidler,	*Syracuse,* "
Theodore K. Wells,	*Chittenango,* "
F. G. Wheelock,	*Delphi,* "
Phebe Willet,	*East Hamburg,* "
Mina F. Wood,	*Syracuse,* "
Georgie E. Young,	*Niagara Falls,* "

COLLEGE

—OF—

FINE ARTS.

FACULTY

OF THE

College of the Fine Arts.

REV. E. O. HAVEN, LL.D.,
CHANCELLOR.

GEORGE F. COMFORT, A.M.,
DEAN OF THE FACULTY, *and Professor of Æsthetics and History of the Fine Arts.*

ARCHIMEDES RUSSELL,
Professor of Architecture.

JOSEPH LYMAN SILSBEE, A. M.,
Professor of Architecture.

HENRY B. ALLEWELT,
Professor of Decorative Art.

SANFORD THAYER,
Professor of Painting.

GEORGE K. KNAPP,
Professor of Painting.

WARD V. RANGER,
Professor of Photography.

E. ELY VAN DE WARKER, M.D.,
Professor of Artistic Anatomy.

PETER H. STUART,
Professor of Engraving.

Students.

SENIOR CLASS.

			City Address.
Catharine Beal,	p.	*East Palmyra*,	38 Almond.
Harriet S. Curtis,	p.	*Syracuse*,	384 East Avenue.

JUNIOR CLASS.

Wesley A. Arnold,	s.ar.	*Syracuse*,	216 E. Genesee.
Clara Bannister, B.S.,	s.p.	*Syracuse*,	16 Holland.
Frances E. Haven,	p.	*Syracuse*,	5 Harlow Block.
Henry C. Hooker,	s.p.	*Syracuse*,	75 E. Fayette.
Frances A. McLouth,	s.p.	*Manchester*,	42 University Av.
Della M. Quivey,	p.	*Baldwinsville*,	62 Irving.
Newton A. Wells,	p.	*Malone*,	136 Chestnut.

SOPHOMORE CLASS.

Mary S. Barber,	p.	*Syracuse*,	70 Chestnut.
John Bates, Jr.,	ar.	*Red Hook*,	96 Chestnut.
Minnie A. Bingham,	p.	*Rome*,	15 University Av.
J. Frank Dallas,	s.p.	*Syracuse*,	30 E. Jefferson.
Harriet S. Dingman,	s.p.	*Syracuse*,	96 Lodi.
Francis E. Easterbrook,	p.	*Tyrone*,	56 Almond.
Hiram S. Gutsell,	s.p.	*Dryden*,	56 Almond.
George H. Liddle,	s.p.	*Salem*,	96 Lodi.
Eugene S Matson,	ar.	*Brookville, Pa.*,	61 Spruce.
Mary L. Northway,	s.p.	*Syracuse*,	N. Beech.
Rolland R. Roberts,	ar.	*Skaneateles*,	103 Irving

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; eng., the regular Course in Engraving; s.p. and s.ar., indicates that the student is taking a Special Course in Painting or Architecture respectively.

FRESHMAN CLASS.

			City Address
Frank Döllinger,	s.p.	*Syracuse*,	65 Center.
Minnie S. Decker,	p.	*Elmira*,	42 University Av.
Ida M. Harrison,	p.	*Cuyahoga Falls, O.*,	68 Chestnut.
Elizabeth F. Haywood,	p.	*Fredonia*,	74 Chestnut.
C. Walter Talmadge,	ar.	*Baldwinsville*,	9 Clary Block.
Emma S. Waters,	p.	*Syracuse*,	143 Seymour.

Graduates of the University during the Year.

B. S.—(*Bachelor of Science.*)

Clara Bannister, William H. Dunlap,
H. Florence Chidester, Kate E. Hogoboom,
William A. Wood.

A. B.—(*Bachelor of Arts.*)

Elizabeth L. Arnold, E. Watson Goodier,
Alpha R. Beal, Charles D. Lathrop,
Charles Black, John C. Nichols,
Milton D. Buck, Elias S. Osbon,
Judson B. Coit, Hiram L. Peet,
Chester A. Congdon, William H. Shuart,
James M. Gilbert, Melville J. Wells,
Nathaniel M. Wheeler.

M. S.—(*Master of Science,*)

Francis A. Baker, Mary L. Huntley,
George H. Baker, Heman W. Morris,
Noyes K. Fowler, Charles J. Powers,
Henry O. Harris, John E. Weaver.

A. M.—(*Master of Arts.*)

Francis D. Blakeslee,
Francis J. Cheney,
John L. Cole,
John M. Dolph,
Alvah H. Dorris.
George H. Dryer,
Flora A. Ellis,
Charles E. Fitch,
Edwin W. Hall,
Elijah Horr,
Ross C. Houghton,
Roland S. Keyser,
Warren Mann,
Alexander A. Phelps,
William H. Rogers,
Wilbur F. Steele.

Ph. D.—(*Doctor of Philosophy.*)

Jabez R. Jaques,
Lorenzo D. Watson.

B. P.—(*Bachelor of Painting.*)

Mark M. Maycock.

M. D.—(*Doctor of Medicine.*)

Eugene M. Crabb,
David Dunham, Jr.,
William H. Dwight,
J. H Graves, M.D.,
C. R. Heaton, M. D ,
Sarah M. Loguen,
John S. Marshall,
Miller K. Reading,
Margaret Stanton,
Louisa L. Woodin.

D. D.—(*Doctor of Divinity.*)

Augustus F. Beard.

LL. D.—(*Doctor of Laws.*)

Lucius D. McCabe.

Alumni Association.

OFFICERS FOR 1875–,6

CHARLES M. UNDERHILL, A.M., Buffalo, . *President.*

GEORGE W. ELLIOTT, A.B., Rochester, *1st Vice President.*

MRS. VIRGINIA TAYLOR FENNER, M.S., Rochester, *2d Vice President.*

REV. CARLTON C. WILBOR, A.M., Buffalo, *3d Vice President.*

REV. MANLY S. HARD, M.S., Ithaca, *Corresponding Secretary.*

REV. WALTER A. BROWNELL, A.M., Syracuse, *Recording Secretary.*

MRS. HELEN M. VAN ALSTYNE, A.M., Canandaigua, *Treasurer.*

REV. THERON COOPER, A.M., Ithaca, . . *Necrologist.*

EXECUTIVE COMMITTEE.

CHARLES A FOWLER, A.B., - - - *Syracuse.*

PROF. J. J. BROWN, A.M., - - - *Syracuse.*

ROLAND S. KEYSER, A.M., - - *E. Greenwich, R. I.*

PROF. J. DORMAN STEELE, PH.D., - - - *Elmira.*

J. D. F. SLEE, A.M., - - - - *Elmira.*

JOHN S. MORGAN, A.M., - - - *Rochester.*

REV. GEORGE VAN ALSTYNE, A.M., - *Canandaigua.*

GYMNASIA

OF THE

UNIVERSITY.

Preparatory Students in Gymnasia.

SENIOR DIVISION.

Gymnasium A.---Claverack, N. Y.

FOR CLASS OF 1879.

James McK. Brewington, ... *Baltimore. Md.*
Nelson Edwards, ... *New York City.*
Charles H. Flocken, . . . *New York City.*
James M. Hawxhurst, . . . *Wappingers Falls, N. Y.*
Addison R. Jones, ... *Baltimore, Md.*
Smith F. Phillips, ... *East Chatham, N. Y.*
Clarence Schenck, ... *Claverack, N. Y.*
George H. Smalley, . . . *Newark, N. J.*
Charles H. Snedeker, . . . " "
George M. Wallace, . . . *Wallingford, Conn.*

FOR CLASS OF 1880.

James Austin, ... *Hudson, N. Y.*
George F. Burr, . . . *Haverstraw* "
Aaron V. S. Cochrane, . . *Coxsackie,* "
James Douglas, . . . *Paterson, N. J.*
Benjamin F. Simon, . . *Long Island City, N. Y.*
Walter P. Stoddard . . . *New York City.*
Samuel Stillwell, ... *Marlboro, N. Y.*

JUNIOR DIVISION.

FOR CLASS OF 1881.

Royal A. Bristol, ... *Claverack, N. Y.*
Arthur H. Flack, ... " "
Arthur H. Holmes, . . . *Poughquag,* "
Frank P. Lant, . . . *Hudson,* "
James Lyon, ... *New York City.*
John A. Mason, . . . *Newburgh, N. Y.*
Edward McDonnell, . . . *Amsterdam,* "
Frank E. Morse, ... *Troy,* "
Milton Parsons, ... *Claverack,* "
Nathan Riley, . . . *Slocumville, R. I.*

Gymnasium B.—Cazenovia, N. Y.

FOR CLASS OF 1879.

George P. Avery,	*Ledyard, N. Y.*
Richard E. Call,	*Mohawk,* "
Byron N. Shoecraft,	*Oneida,* "
Eddy E. Terpening,	*Virgil,* "
Mary E. Weed,	*Rose Valley,* "
James W. Wilson,	*Canastota,* "

FOR CLASS OF 1880.

Henry C. Andrews,	*Cazenovia, N. Y.*
Elmer V. Aldridge,	*Montezuma,* "
Hobart C. Babcock,	*South New Berlin,* "
Ella L. Blakeslee,	*Cazenovia,* "
Clarence E. Bull,	*Oneida,* "
Thomas A. Davies,	*Utica,* "
Carrie E. Decker,	*Elmira,* "
John I. Dickinson,	*Ledyard,* "
Giles B. Everson,	*Manlius,* "
John S. Gibson,	*Cazenovia,* "
Harry P. Hancock,	*Waterford,* "
George E. Hutchings,	*Cardiff,* "
Thomas M. Huntington,	*Syracuse,* "
Olin R. Howe,	*Nelson,* "
Fred E. Jackson,	*Middlefield,* "
William A. Jones,	*Lyons,* "
Benjamin M Lanning,	*Utica,* "
Edward G. Marsh,	*Pompey Center,* "
Douglass E. Pettit,	*Liverpool,* "
Clara A. Porter,	*Geddes,* "
Sussie A. Phelps,	*Morrisville,* "
Nelson G. Richmond,	*Mt. Upton,* "
Charles D. Smith,	*Reynoldsville,* "
Shirley Walsh,	*Cazenovia,* "

Gymnasium C.---Antwerp, N. Y.

FOR CLASS OF 1875.

Bayard T. Eddy,	*Gouverneur, N. Y.*
Elbert C. Randall,	" "

FOR CLASS OF 1876.

Atkinson Sayles,	*Sterlingville, N. Y.*

FOR CLASS OF 1877.

Willard S. Augsburg,	*Antwerp, N. Y.*
Mortimer H. Bowman,	*Pamelia,* "
Lilla Carpenter,	*Antwerp,* "
George H. Fulford,	*Champion,* "
Milton Grey,	*Antwerp,* "
William H. House,	*Houseville,* "
Royal A. Whitney,	*Antwerp,* "

FOR CLASS OF 1878.

Andrew M. Child,	*Leroy, N. Y.*
George H. Dains,	*Antwerp,* "
Wallace S. Foster,	" "
James C. Graham,	*Lowville,* "
Clarence T. Gove,	*Pamelia,* "
George Hawley,	*Wilna,* "
Roscoe N. Jackson,	*Boonville,* "
Fred. E. Kellogg,	*Antwerp,* "
Clarence V. Kellogg,	*Brewerton,* "

Gymnasium D.—Amenia, N. Y.

FOR CLASS OF 1879.

Ida M. Clapp, ... *Sharon, Conn.*
Libbie F. Clark, ... *North East, N. Y.*
Edward W. Frost, ... *Amenia,* "
Kate A. Lent, ... *Millerton,* "
S. Barry Pomeroy, ... *Mohawk,* "
George D. Shelling, ... *Nashua, N. H.*

FOR CLASS OF 1880.

George Banks, ... *Patterson, N. Y.*
Frederick G. Budd, ... *Pleasant Valley,* "
Benjamin F. Clapp, ... *Wappingers Falls,* "
Henry B. Conklin, ... *Amenia,* "
John W. Dale, ... *Salt Point,* "
Loda Halsey, ... *Amenia,* "
Clarence Randall, ... *Amenia,* "
Emma Sanford, ... " "
Frederick Seaman, ... *Poughkeepsie,* "

FOR CLASS OF 1881.

Samuel D. Cary, ... *Mohawk, N. Y.*
Fannie Caulkins, ... *Amenia,* "
Jessie Darke, ... *Amenia,* "
Charles C. Foster, ... *West Cornwall, Ct.*
William P. Hufcut, ... *Dover Plains, N. Y.*
Emma Hunt, ... *West Taghkanick,* "
Katie Jaynes, ... *Amenia,* "
William P. Kerr, ... *Poughquag,* "
Nellie Kline, ... *Brooklyn,* "
John R. Lambert, ... *Amenia Union,* "
Carrie Landon, ... *Sharon Valley, Ct.*
W. J. R. Moore, ... *Poughkeepsie, N. Y.*
Wm. D. Platt, ... *Amenia,* "
Arthur Rundall, ... *Amenia,* "
Emma Shepard, ... *Danbury, Ct.*
Charles R. Silkman, ... *Katonah, N. Y.*
Jarkin S. Wing, ... *Wings Station,* "

Gymnasium E.—Nunda, N. Y.

FOR CLASS OF 1879.

Victoria A. Belcher,
Carl D. Bennett,
John R. Bergen,
Kittie L. Brownell,
Edgar W. Coffin,
Frank W. Crossfield,
B. Frank Dake,
Lizzie Gilmore,
M. Louise Hopkins,
Mary H. Kneeland,
Helen McFarline,
Estella Miller,
John C. Stowell,
Julia C. Swain,
Libbie Van Ness.

FOR CLASS OF 1880.

Carrie H. Angier,
Edith E. Armstrong,
Anna E. Clarke,
Frank Cole,
Hattie M. Coon,
Julia Dake,
John Deegan,
Carrie B. Dutton,
Carl E. Edmonds,
Zada F. Knibloe,
Maria Linsuer,
Clifford La Rue,
Frankie W. Lockwood,
Jennie L. Lowell,
Lulu L. Patton,
James T. Ray,
Nellie J. L. Reed,
Chancey A. Van Deventer,
Alice M. Woodward.

General Information.

The Syracuse University is the natural outgrowth of a conviction entertained by the large body of people interested in its administration, that they should have such an institution under their control, not far from the centre of the State of New York. Like nearly all universities, ancient and modern, it has been founded and is largely controlled by a people who are united by a common religious purpose, and it is intended to promote the highest welfare of its students, physical, mental and moral. The conviction that such an institution was needed was often expressed in Conferences and Conventions, and finally in 1870, embodied itself in a resolution of a large State Convention, to establish without delay in the city of Syracuse, or its immediate vicinity, a University. The city of Syracuse, in its corporate capacity, presented for this purpose one hundred thousand dollars, and the managers of the enterprise, in return for this favor, have secured an additional property of at least four hundred thousand dollars more, and also provided in their Charter for a Board of Trustees, to be composed of some of the chief officers of the State, and also largely of persons not committed particularly to one religious denomination, so as to ensure at once freedom from sectarianism in politics and religion. Not wholly under the control of either the State or the Church, but responsible to both, it will endeavor to cultivate the positive excellences that each would ensure, and avoid the exclusiveness, or evils of any kind, that might follow a bondage to either. An intention to accom-

plish this end will explain some of the peculiar liberal provisions of the By-Laws adopted by the Trustees. It may be well to note that the pledge to the city of Syracuse—to obtain, additional to the one hundred thousand dollars, at least four hundred thousand dollars—though not limited to any definite time, is fulfilled. A beautiful site of fifty acres has been purchased, high and salubrious, overlooking the city, Onondaga Lake, and the surrounding country; an elegant and spacious building for the Colleges of Liberal Arts and of the Fine Arts has been completed; a good and substantial building for the College of Medicine and Surgery, near the heart of the city, will soon be obtained; and a productive endowment fund of about two hundred thousand dollars has been secured. More money has been conditionally pledged by some of its friends, and it is confidently hoped that within a short time it will be placed beyond pressing want. Thus, situated as it is, near the center of the State, with many friends who are determined that it shall be a permanent fountain of the best culture in science, philosophy, art and religion, it will continue to receive donations, large and small, and will fulfill the noble purposes of its founders.

COLLEGES OF THE UNIVERSITY.

Three Colleges are at present organized and in operation. These are

I. The College of the Liberal Arts.

II. The College of Physicians and Surgeons.

III. The College of the Fine Arts.

The College of the Liberal Arts which went into operation in 1871, is intended to offer a curriculum of study which shall serve as a means of broad and symmetrical general culture to those who pursue it, and shall also place them in possession of those fundamental facts and principles which underlie the methods of all successful business. It constitutes, therefore, a thorough introduction to advanced scholarship, and the intelligent pursuit of the practical business of life, as well as a

fitting preparation for the study of any of the learned professions. Recognizing the diversity of tastes and of ulterior purposes on the part of persons seeking a liberal culture, four distinct courses of study have been provided, each of which, it is believed, will secure to the diligent student, what may be styled a truly liberal education. These are The Classical Course, the Latin-Scientific Course, the Greek Scientific Course, and the Scientific Course. It is intended that each of these be brought to such a condition as to imply a similar amount of preparatory and collegiate study.

The College of Physicians and Surgeons was opened in 1872. Its Faculty is unusually large, and the field of instruction is correspondingly varied and extensive. The first five months of the collegiate year are devoted chiefly to instruction by lectures and demonstrations; the next five months chiefly to instruction by the method of recitations. The last term, however, is optional with the student.

The College of the Fine Arts, which went into operation in 1873, is intended to afford a broad and liberal culture in the field of Æsthetics. The instruction, accordingly, is not restricted to exercises in the manipulations of art, nor even the acquisition of the especial theories and principles of the Fine Arts, but embraces, with both these ends, the pursuit of a well-balanced course in all those general studies tributary to the formation of accomplished artists, art-critics, and appreciators of fine art. For the present, two courses of study are provided, The Course in Architecture, and the Course in Painting.

ADMISSION OF WOMEN.

All the Colleges of the University are open for the admission of women on the same terms as men. Such facilities as are here afforded for culture are extended impartially to all.

GYMNASIA OF THE UNIVERSITY.

Certain Seminaries of good standing, in different parts of the State, have by mutual arrangements, entered into the relation of Preparatory Schools to the University. This neither

interferes with the independent control of the Seminaries, nor imposes any burdens upon the University. As this relation exists especially with the College of the Liberal Arts, it implies that the Faculty of this College are satisfied with the character of the preparatory instruction given; that examinations for admission to the College shall be conducted by the officers of the Seminary, at stated times mutually agreed upon, and according to methods approved by the Faculty; and finally, that all persons examined, who attain to a prescribed standard, may be admitted to the College without further examination in the same studies. Five Seminaries have thus far entered into the relation of Gymnasia, viz.:- "The Hudson River Institute and Female College," at Claverack; "The Cazenovia Seminary," at Cazenovia; "The Ives Seminary," at Antwerp, "The Amenia Seminary," at Amenia, and "The Nunda Academy," at Nunda. Other Seminaries, Academies, and High Schools are invited to place themselves in a similar relation.

LIBRARIES.

The Libraries of the University offer very desirable facilities for reference and general reading, while it is a leading object of the University to enlarge means of this class as rapidly as possible. The library of the College of Physicians and Surgeons is kept at their building. With the General Library, in the Hall of Languages, is connected a reading room, which, with the Library, is open from nine A. M. to one P. M. daily, except Sundays. This room is provided with a large supply of periodical literature.

MUSEUMS.

The University is already in possession of Ward's complete College series of casts of geological specimens, which are handsomely mounted and exhibited. The Curator of the State Cabinet of Natural History, Prof. James Hall, LL.D., has lately, by direction of the State Legislature, selected and sent to this University a large series of geological specimens from the duplicates of the State Cabinet. The private col-

lection of the Professor of Geology, Zoölogy and Botany, consisting of several thousand specimens, chiefly paleontological, is also placed at the service of students. The College of Physicians and Surgeons is in possession of the Museum formerly the property of the Geneva Medical College. This collection is extensive in the department of Pathology, and is amply provided with the means of illustration of the Materia Medica. The College of the Fine Arts is already in possession of several thousand photographs, engravings and chromolithographs procured in Europe and America, together with a sufficient number of plaster preparations and copies to answer the earlier demands of the course of instruction.

DEGREES.

The University confers the degree of "Artium Baccalaureus" (A.B.) upon those who complete, with final approval, the Classical Course; the degree of "Philosophiæ Baccalaureus" (Ph.B.) upon those who complete the Latin Scientific or the Greek Scientific Course; the degree of "Bachelor of Science" (B.S.) upon those who complete the Scientific Course; the degree of "Bachelor of Architecture" (B.Ar.) upon those who complete the Course in Architecture; the degree of "Bachelor of Painting" (B.P.) upon those who complete the Course in Painting; and the degree of "Doctor of Medicine" (M.D.) upon those who complete the Course in the College of Physicians and Surgeons.

For information with reference to advanced degrees see the next article on Post Graduate Courses of Study.

POST GRADUATE COURSES OF STUDY.

Some students having completed one of the undergraduate courses of study, desire to remain in the University longer and avail themselves of the means of instruction still further. It seems proper that the higher degrees should be attained by them sooner than by others who leave the University on graduation, and enter upon business or professional study, and

devote but a little time to those special departments of investigation to which the higher degrees are supposed to refer.

One year's exclusive study at the University, devoted to such subjects as may be approved by the Faculty, it is thought, will usually entitle a graduate to the appropriate higher degree. To aid such students in the prosecution of their enterprise, the Professors have determined to furnish all facilities in their power to resident graduates, enabling them to occupy their time profitably in thorough study for at least one year. No particular course or courses of study will now be laid down, but any who wish to devote a year to such study are requested to consult personally with the Faculty.

DEGREES TO NON-RESIDENTS.

Occasionally persons who could not or did not avail themselves of the advantages of study at any college in earlier life long enough to complete a course of study, or indeed not to any extent, but who nevertheless believe that they have substantially completed a college course of study in private, or could do so hereafter, express a desire to obtain a degree from the University on the completion of this course of study as a substantial and correct certificate of their actual merit. It is very evident that a large part of the profit of a university course of study arises from association with the students and the Faculty, and from work done that cannot possibly be detected or indicated in an examination. Though this may be partially or even wholly compensated for by the great energy and perseverance requisite to complete such a course outside of a university, yet all honest lovers of merit and truth would deprecate the lowering of the standard of established degrees. At the same time real scholarship should be acknowledged.

On these principles, graduation, with the appropriate degree, will be offered to any person, at least twenty-eight years of age, who will give evidence, on examination, that he has completed any course of study required in the College of Liberal Arts, or in the College of the Fine Arts. No substitutions that

would lower the standard of scholarship will be allowed. The work described must substantially be done. Where instruction in the University is given by lectures, those subjects must be studied, as presented by good authors.

Correspondence with the Chancellor will lead to a more full statement from the particular Professor of the work required in their special departments. Any persons intending to apply for examinations for any degree, on this basis, will inform the Chancellor at least four weeks before Commencement.

The examinations will be conducted fairly and systematically, and the aim will be to bestow the honors upon those, and only upon those, who have fairly earned them. The fee in such instances will be what is charged for tuition one year. Examinations for the higher degrees will be offered also to any who desire them. In all such cases the degrees will be conferred upon such as have honestly earned them, in the estimation of the Faculty and competent committees.

ALUMNI.

By action of the Board of Trustees, all the Alumni of Genesee College who may make application therefor, are admitted by the University to the same degrees as they bear from that College. Graduates of the Geneva Medical College, also, are invited to become enrolled as Alumni of the College of Physicians and Surgeons of the Syracuse University.

The Alumni have organized an Association which holds its anniversary on Tuesday of Commencement Week, which is designated as ALUMNI DAY. During the Annual Meeting, held in Commencement Week, the important duty of electing the representatives of the Alumni in the Board of Trustees is attended to.

HOMES AND CIVIL RELATIONS OF STUDENTS.

The University does not provide board and rooms for those in attendance. Students are allowed to select their own homes in families approved by the Faculty They become citizens of the place, amenable, like all others, to the laws and local ordinances enacted for the well-being of society.

EXPENSES.

A matriculation fee of $5.00 is required of all on admission.

In the College of the Liberal Arts, the charge for Tuition, including all fees, (except an incidental one to students in the Chemical Laboratory, to defray the cost of material used,) is $20.00 per term; to sons and daughters of clergymen, $10.00. In necessitous cases, the charge for tuition may be paid in a note signed by the student, payable at his earliest convenience, and bearing no interest till after the expiration of one year from the time of graduation, or of leaving the College. Diploma Fee, $5.00. Music and Public Hall for Commencement exercises are provided by the University at an expense of $15.00 to each recipient of the Bachelors' Degrees. *Board* with furnished room, can be obtained in the city for $4.00 to $5.00 per week.

Bills for tuition must be paid or secured to the satisfaction of the Registrar, at or before the expiration of two weeks from the opening of each term.

In the College of Physicians and Surgeons, the charges are: Matriculation, $5.00; Lecture Term, $75.00; Recitation Term, $40.00; The Year, $100; Graduation, $20.00.

In the College of the Fine Arts, the charges are: Matriculation, $5.00; Tuition, $100 a year (or $33⅓ a term); Graduation, $20.00.

For further information relating to board or expenses, application should be made to the Registrar, Prof J. P. Griffin.

College of Liberal Arts.

TERMS.

The Collegiate year begins on the third Monday in September, and the first three days are devoted to examinations for entrance. The First Term, consisting of fourteen weeks, ends on the Friday before Christmas, and is followed by a vacation of two weeks. The remainder of the Collegiate year is divided into two terms without an intervening vacation. The Second Term of the year contains thirteen weeks, and the Third Term, twelve. COMMENCEMENT occurs on the last Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time, on passing the requisite examinations. Absence from any regular class exercise, or appointed duty, cannot be allowed without an excuse satisfactory to the Faculty.

COURSES OF STUDY.

The Classical Course is intended to afford as thorough a training in the classical languages and literature, as can be obtained in any college. It aims also to be abreast of the educational thought and philosophy of the age, and introduces the study of modern languages and sciences in proper proportion.

The Latin-Scientific Course is substantially identical with the Classical, except in the substitution of German for Greek in the Freshman year, and other subjects for that language in the other years.

The Greek-Scientific Course is the same as the Latin-Scientific Course, except that Greek stands in the place of Latin.

The Scientific Course excludes both Latin and Greek, and their places are taken by German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

Recognizing the various tastes and aims of students, these courses are made elastic in the last two years. In the Junior year, nearly one-third of the student's time is devoted to subjects of his own selection, within a certain range; while in the Senior year, this liberty of selection is somewhat larger.

Students not proposing to pursue either of the above courses fully, are permitted, as far as prepared, to make selections from any of them.

The total number of recitations per week, required of each student, is fifteen; and this does not include the elocutionary and rhetorical exercises, which are also required of the various classes.

CONDITIONS OF ADMISSION.

1. Classical Course.

Candidates for admission to the Freshman Class are required to pass a written examination in the following studies:

(1.) English Grammar.—*Kerl's Comprehensive*, entire, or its equivalent.

(2.) Geography.—*Modern Geography*, Physical and Civil, and *Ancient Geography*, particularly that of Italy, Greece, and Asia Minor, as given in Allen's Classical Hand-book, or Baird's Manual.

(3.) History.—*United States History*, from the discovery of America to the close of the War of 1812. *Liddell's History of Rome*, from the founding of the city to the second Punic War. Smith's larger *History of Greece*, the first fourteen chapters.

(4.) Mathematics.—*Arithmetic*, entire. *Algebra*, Fundamental Rules, Fractions, Simple Equations, Elimination, Involution and Evolution, and the Calculus of Radicals, as treated in Robinson's New University Algebra, or its equivalent. *Plane Geometry*, the first five books of Davies' Legendre, or their equivalent.

(5.) NATURAL PHILOSOPHY.—*Rolfe and Gillet*, or its equivalent.

(6.) LATIN.—*Latin Grammar;* Four books of *Cæsar's Commentaries;* Four Orations of *Cicero against Catiline; Sallust's Catiline;* Six books of the *Æneid*, with special reference to the Prosody; *Allen's Latin Composition*, Twenty Lessons. The requisite amount of Roman History and of Latin Prose must in no case be omitted, as the College Course begins in each at the points indicated.

(7.) GREEK.—*Greek Grammar;* Three books of *Xenophon's Anabasis;* Two books of the *Iliad*, with special reference to Prosody.

2. LATIN-SCIENTIFIC COURSE.

Candidates for admission are examined in the studies required for the Classical Course, excepting the Greek.

3. GREEK-SCIENTIFIC COURSE.

Candidates for admission are examined in the studies required for the Classical Course, excepting the Latin.

4. SCIENTIFIC COURSE.

Candidates for the Scientific Course are examined in the studies named in (1); (2), except Ancient Geography; (3) except Ancient History; (4); (5); and in one of the Latin Authors named in (6).

Those persons who do not desire to complete either of the regular courses of study, may take a select course and recite in such College Classes as their qualifications will permit. They will be expected to attend such general exercises as may be assigned them, and be subject to all the general rules of the College, and will be expected to select work enough to occupy all their time.

Candidates for advanced standing are examined in the studies previously pursued by the classes which they propose to enter, or must give evidence that they have pursued an equivalent amount of study. Certificates of good character will be required.

EXAMINATIONS FOR ADMISSION.

Entrance examinations will be held, in 1875, as follows: In *Latin*, Monday, June 21; in *Greek* and *Mathematics*, Tuesday, June 22; in other preparatory studies, Wednesday, June 23. They will also be held in the same order on Monday, Tuesday and Wednesday, September 13, 14 and 15.

The Examinations will begin at 9 a. m. of each day. The candidate will first present himself at the office of the Chancellor, (No. 22), where he will be expected to offer credentials from his last instructor, and will be furnished with particular directions as to his further procedure.

TREATMENT OF SUBJECTS.

1.—ENGLISH LANGUAGE, LITERATURE AND RHETORIC.

The subjects taught in this Department are the English Language, English Composition, Rhetoric and English Literature.

Classes in this department will also be required to present exercises in the various forms of literary composition.

The Text-books at present used are as follows:

FRESHMAN YEAR; Third Term. Hayen's Rhetoric.

SENIOR YEAR; First Term. *Manual of English Literature*, Shaw.

Second Term. Shaw's *Manual*, completed. Much of the instruction is given in the form of lectures, and the students are taught how to investigate the subject for themselves.

2.—LATIN.

It is the purpose in the Latin Course to read such selections as will best illustrate or represent the successive periods of Roman History, and to concentrate upon them the light of History, Geography and contemporaneous Art and Literature.

FRESHMAN YEAR.

1st Term. Livy, Book XXI.
Allen's *Latin Prose*, Chapters XX–XL.
Liddell's *History*, Book IV. The 2d Punic War.
The Origin of the Latin Language.
The Literature and Architecture of the Period.

2d Term. Plautus, Rudens.
Liddell's *History*, Book V. Rome the Conqueror of the World.
Roman Dramatic Literature.
Allen's *Latin Prose*, Chapters XL–LX.

3d Term. Horace, Odes and Epodes.
Scanning of Horatian metres.
Liddell's *History*, Book VI. First Period of the Civil Wars.
Written exercises in Idiomatic, Literal and Free translation from the Latin.
Roman Lyric Literature.

SOPHOMORE YEAR.

2d Term. Horace, Satires and Epistles.
Liddell's *History*, Book VII. Second period of the Civil Wars.
Mythological Essays.
Roman Satirists and the Literature of the Golden Age.

JUNIOR YEAR.

1st Term. Tacitus, Germania and Agricola.
History of the decline of the Roman Empire.
Historical Essays.
Roman Historians and the Later Roman Literature.
3d Term. Cicero's Tusculan Disputations.
History of Roman Religion and Philosophy.
Essays and Orations in Latin.

3.—GREEK LANGUAGE AND LITERATURE.

The subjects taught in this Department are the Language, Literature, History, Geography and Archæology of ancient Greece.

In teaching the LANGUAGE, we aim to enrich the student's vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words.

Attention is given to the application of grammatical laws, to the oral or written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the origin, growth and decay in the form and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject-matter and spirit of the author.

The study of the HISTORY, GEOGRAPHY and ARCHÆOLOGY is pursued not only for the intrinsic value of the subjects, but also to give a just appreciation of the age and spirit of the authors read, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

FRESHMAN YEAR.

1st Term. Owen's *Homer's Iliad*, three books.
Hadley's *Greek Grammar*, to page 78, with special reference to dialectic forms of words.

2d Term. Felton's *Selections from the Greek Historians*, pages 412–457 inclusive.
Hadley's *Grammar*, to page 200.
Arnold's *Greek Prose Composition*, the first twenty exercises.

3d Term. Champlin's *Demosthenes on the Crown;* pages 1–39 inclusive.
Arnold's *Greek Prose Composition*, continued.

SOPHOMORE YEAR.

1st Term. *Demosthenes on the Crown*, continued.
Arnold's *Greek Prose Composition*, finished.
Goodwin's *Moods and Tenses*, alternating, during the term, with *Greek Prose Composition.*

3d Term. Plato's *Apology*, or *Œdipus Rex*, entire.
Goodwin's *Moods and Tenses* daily.

SENIOR YEAR.

2d Term. (Elective.) Plato's *Apology*, or *Œdipus Rex.*
Goodwin's *Moods and Tenses* finished.

4.—MODERN LANGUAGES.

As no preliminary study of these languages is required, it is necessary to commence with the rudiments. From the very outset, through the entire course of instruction, the theoretical and practical methods are carried hand in hand. The time devoted to these languages is divided between tracing their philological features and their relations to other cognate languages, pursuing various practical exercises in conversation and writing, and the study of classical, scientific and artistic literature.

In the German language, the first year is devoted to Comfort's German Course and First German Reader. The second year is devoted to the same author's larger German Reader, and Manual of German Conversation, and to the reading of portions of Weber's History of German Literature, and of William Tell, and other classic dramas.

In the French Language, the first year is devoted to Bôcher's edition of Otto's French Grammar, and to the reading of about fifty pages of De Fiva's French Reader; the second year, to reading Duruy's History of France, Demogeot's History of French Literature, and various works of the classic drama.

In the Italian language, Cuore's grammar is employed, and Giudici's Italian Literature, and various classical dramas are read.

5.—MATHEMATICS.

FRESHMEN.—*Algebra.*—Review of Calculus of Radicals—Quadratic Equations—Theory of Indeterminate Co-efficients—Binomial Theorism and its application to the development of Functions—Theory and use of Logarithms—Indeterminate Analysis—Elements of the Theory of Equations—Sturm's Theorem—and Horner's method of Solving Higher Equations. The text book used is Olney's University Algebra.

Geometry.—Regular Polygons—Measurement of the Circle—Maxima and Minima of Plane Figures—Solid and Spherical Geometry—using Chauvenet's work.

SOPHOMORES.—*Trigonometry* (Olney's) Plane and Spherical—*Land Surveying* and *Leveling* (Davies') with exercises in the field.

General Geometry—(Olney's)—Construction of Equations—Production of Equations of Plane Loci—Transformation of Co-ordinates—Properties of the Conic Sections.

Calculus—(Olney's) *Differential:* Differentiation of Functions of a Single Variable—Maclaurin's and Taylor's Theorems with Binomial Theorem and Theory of Logarithms deduced—Maxima and Minima of Functions of a Single Variable—Evaluation of Indeterminate Forms.—*Integral:* Elementary Forms—Binomial Differentials—Rectification and Quadrature of Plane Curves—Cubature of Volumes of Revolution.

JUNIORS.—*Mechanics* (Peck's University Edition)—Elective in the Classical and Latin Scientific Courses, required in the Scientific Course—Composition of Forces—Centre of Gravity—Problems in Construction—Discussion of Machines—The Pendulum—Projectiles—Work—Composition of Rotations.

Astronomy—(Norton's Enlarged Work)—Required in all the Courses—Elementary Principles—Determination of Latitude, Longitude and Time—Precession—Aberration—Determination of the Elements of a Planet's Orbit—Computation of the Rising and Setting of the Sun—Eclipses, with the computation in full of an Eclipse of the Moon.

Acoustics and Optics—(Bartlett's)—Elective in the Classical and Latin-Scientific Courses, required in the Scientific Course—Waves—Velocity of Sound in Gases, in Liquids—Molecular Displacement—Interference of Sound—New Divergence, Reflection and Refraction of Sound—Deviation of Light at Plane and Spherical Surfaces—Optical Images—Spherical Aberration—Caustics—Astigmatism—Theory of the Telescope.

6.—CHEMISTRY AND PHYSICS.

The aim of the course of instruction in this department is to furnish, by appropriate experiments and observations, facts from which the principles of the Science are deduced and to illustrate by a properly selected series of experiments, the methods of original research and investigation of natural phenomena. It will be an object, also, to group together and combine the various truths exhibited, so that to the thinking mind they may not be looked upon as a mere collection of curious facts, but as related and dependent truths that form parts of one great and harmonious whole.

It is believed that by this plan, Physical Science will be made greatly serviceable as an educational agency in quickening the powers of observation, in guiding the judgment, in eliciting thought and thus developing and training the mind.

Instruction in Physics will be embraced in a course of lectures, which, during the first term of the Sophomore year, will be confined to the laws of solids, liquids and gases; the second term to Heat, and the third, to Light and Electricity.

In Chemistry, which runs through the Junior year of each Course, the first term's instruction will be devoted to the History of Chemistry, Chemical Philosophy, Stoichiometry and the Univalent Elements; the second and third term's, to the remaining groups of Elements. These lectures will be illustrated by experiments, and will be attended by thorough reviews and examinations.

Students in Analytical Chemistry will be admitted to the Chemical Laboratory and furnished with the necessary material and apparatus, and will conduct with their own hands, a systematic course of analysis under the supervision and direction of the Professor of the department.

To those desiring it, instruction will be given in Chemical Technology, Blow-pipe examinations and Toxicological investigations.

This Course, it will be seen, is designed to make thoroughly scientific and practical students.

7.—GEOLOGY, ZOÖLOGY AND BOTANY.

The subject of Physiology occupies the attention of students, in all the Courses, one hour a week through the Freshman Year. Instruction is given in Structural and Systematic Zoölogy two hours a week during the first and second Terms, which the Scientific Sophomores are required to attend, and which is elective with Juniors in the Latin-Scientific Course, and Seniors in the Classical Course. The method is chiefly by familiar lectures and conversations; but the student is also required to read such works as Agassiz

and Gould's *Zoölogy*, Milne-Edwards' *Zoölogie* (or the same in Knox's translation), and Tenney's *Natural History*. More advanced students in Zoölogy will use, in the laboratory, Coues' *Key to North American Birds*, Packard's *Guide to the Study of Insects*, and the Smithsonian Manuals on Mammals, Fishes, Insects, and Land and Fresh Water Mollusca.

Botany is taken up in the third term by the Sophomores of the Latin-Scientific and Scientific Courses, occupying two hours a week. Instruction is given largely in the form of familiar lectures, but the student is required to read Gray's *Lessons in Botany*, or some equivalent. In Systematic Botany the student works with plant in hand, under the guidance of the instructor, and Gray's *Manual* is required for constant reference.

Geology is required three hours a week in all the courses during the first term, and two hours during the second term, of the Senior Year. The instruction during the first term is directed largely to the data of the science, and is imparted in the form of familiar lectures, with suitable illustrations of various kinds. The work of the second term is a comprehensive and systematic review of the great doctrines of the science, leaving the less essential details in the background. In the geological laboratory, students sufficiently advanced will be permitted to handle the specimens exhibited in the museum, and engage in lithological and paleontological investigations. The text-book used in the general subject is Dana's *Manual*. Steele's *Fourteen Weeks in Geology* and Winchell's *Sketches of Creation*, or Dawson's *Story of the Earth and Man*, are recommended for general reviews. For more advanced students, Cotta's *Manual of Lithology*, Picket's *Paleontology*, and other works will be recommended.

8.—HISTORY.

History is studied in its principles as well as its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by Lecture and Text-book.

Freshman Year. During the First Term, Lectures are given on "Historical Propædeutics," in which the methods of historic study and writing are examined, and the necessary auxiliaries of History—Chronology, Geography, Genealogy, and Ethnography—are discussed in their character and application. During the 2d and 3d terms, "Rawlinson's Ancient History" (except the portions on Greece and Rome), is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope and relative value are estimated.

Sophomore Year. During the First Term, twenty-four lectures are given on the Causes and Consequences of the down-fall of the Roman Empire the Rise and Influence of the Christian Church; Mohammed and Mohammedanism; Charlemagne as warrior, legislator, and man; the Causes, Extent and Consequences of the Crusades; the Rise, Growth and Influence of the Free Cities; &c., &c. In connection with these lectures, the class read assigned portions of "Hallam's Middle Ages,' specially Chapters II and IX. During the 2d and 3d terms, Taylor's "Manual of Modern History" is used as a text-book. The Reformation and Post-Reformation history is examined. In addition to the text-book, during the 2d term, twelve lectures on the "Growth of the French Constitution," are given; and during the 3d term, twelve lectures on "American Colonial History." Throughout the year, dissertations and portraitures of important historical characters are prepared by the class.

Junior and Senior Years. The instruction in these years is entirely by lecture. Interesting special courses are accessible to both classes. Much attention is given to the examination of the great Revolutions of modern times, since these have a special charm for the general student, the statesman and the philosopher. The twelve lectures on the "Philosophy of History," are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

9.—ÆSTHETICS.

Weekly lectures are given on Æsthetics during the first term, and on the History of Fine Arts during the second and third terms of the Senior year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin-Scientific Courses are required, and students in the Classical Course may elect, to attend the classes in the College of the Fine Arts for two hours a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting, and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing two hours a week during the second and third terms of the Sophomore Year.

10.—ELOCUTION.

Freshmen.

Class meets once a week. Principles of elocution; vocal drill; gesticulation; posture. Three essays a term, of not less than 500 words each, on the subjects of the daily studies, to be handed to the instructor in elocution.

Sophomores.

Class meets once a week. Declamations and readings—each student being required to declaim twice a term, and to present three essays a term, of not less than 700 words each.

Juniors.

Class meets once a week. Each student required to write and deliver before the class each term three original orations of not less than 700 words each.

Seniors.

Two original orations of not less than 1000 words each are required to be delivered in chapel, before the College, by each student, in each of the first two terms. In the third term, each student is required to present a commencement oration of 1000 words, on or before the first of May. From these orations selections will be made for delivery at Commencement.

Arrangements may be made for exercises in extemporaneous speaking.

All declamations, orations and essays provided for above, will be presented on days previously appointed by the instructor in elocution. Ladies, if they prefer, are permitted to substitute essays and readings for orations and declamations.

Occasional public rehearsals of any of the classes may be arranged.

11.—METAPHYSICS AND LOGIC.

I.

In this Department it is designed, by Lectures, and the use of Text-books, to trace briefly the History of Mental Science, and by class discussion, by essays upon appointed themes, and by a course of selected reading, to render the student familiar with the characteristic principles of the leading historic systems.

The Text-books in use are as follows:

Junior Year; Second Term. *The Human Intellect*, Porter.
Third Term. Porter's *Human Intellect*, finished.

II.

SENIOR YEAR ; Third Term. Morell's *History of Modern Philosophy.*

Bowen's Logic is studied during the first and second terms of the Junior year. To the class are assigned frequent exersiees in Classification, Argumentation and Method. During the third term, twelve lectures are given on the "History of Logic in the West."

12.—ETHICS AND CHRISTIAN EVIDENCES.

In the Department of Ethics and Christian Evidences, the subjects are taught by Text-books and Lectures.

SENIOR YEAR ; First Term. Whewell's *Elements of Morality.*—First Volume.
Second Term. Hopkins' *Evidences of Christianity.*
Third Term. Hopkins' *Evidences of Christianity.* Continued.

RELIGIOUS OBSERVANCES.

All the students assemble daily for morning devotions in the Chapel. The exercises consist of the singing of a hymn, the reading of the Sacred Scriptures, and prayer.

Students are also required to attend religious worship regularly, at least once on the Sabbath.

SYNCHRONISTIC VIEW.*

FRESHMAN YEAR.

COLLEGE OF THE LIBERAL ARTS.

	CLASSICAL.	LATIN-SCIENTIFIC.	SCIENTIFIC.
First Term.	Algebra, 4½. Physiology, 1. Introduction to History, ½. Latin, 4½. Greek, 4½. Elocution.	Algebra, 4½. Physiology, 1. Introduction to History, ½. Latin 4½ German 4. Elocution.	Algebra, 4½. Physiology, 1. Introduction to History, ½. Physical Geography, 2. German, 4. Free Hand Drawing, 2. Elocution.
Second Term.	Algebra, 4. Physiology, 1. Ancient History, 1. Latin, 4½. Greek, 4½. Elocution.	Algebra, 4. Physiology, 1. Ancient History, 1. Latin, 4½. German, 3. Elocution.	Algebra, 4. Physiology, 1. Ancient History, 1. Physical Geography, 2. German, 3. Mechanical Drafting, 2. Elocution.
Third Term.	Geometry, 4. Physiology, 1. Ancient History, 1. Latin, 3. Greek, 3. Rhetoric, 3. Elocution.	Geometry, 4. Physiology, 1. Ancient History, 1. Latin, 3. German, 3. Rhetoric, 3. Elocution.	Geometry, 4. Physiology, 1. Ancient History, 1. Physical Geography, 2. German, 3. Rhetoric, 3. Architectural Drafting, 2. Elocution.

COLLEGE OF THE FINE ARTS.

	PAINTING.	ARCHITECTURE.
First Term.	Physiology, 1. Drawing from Casts, 5. Physical Geography, 2. German, 4. Drawing from Patterns, 5.	Algebra, 4½. Drawing from Casts, 3. German, 4. Drawing from Patterns, 5.
Second Term.	Physiology, 1. Ancient History, 1. Physical Geography, 2. German, 3. Drawing from Patterns, 5. Drawing from Casts, 3. Architectural Drafting, 3.	Algebra, 4. Ancient History, 1. German, 3. Drawing from Patterns, 3. Drawing from Casts, 2. Architectural Drafting, 5.
Third Term.	Geometry, 1. Physiology, 1. Ancient History, 1 Physical Geography, 2. German, 3. Architectural Drafting, 4. Drawing from Nature, 5.	Geometry, 4. Ancient History, 1. German, 3. Architectural Drafting, 5. Drawing from Nature, 3.

* General Note.—Studies in Roman letters are required; those in Italics, are elective. The numeral after the name of a study denotes the number of class exercises per week.

SOPHOMORE YEAR.

First Term.	Trigonometry & Surv'g., 4. Medieval History, 2. German, 4. Physics, 2. Greek, 3 Elocution.	Trigonometry & Surv'g., 4. Medieval History, 2. German, 3. Physics, 2 History of English Revolutions of the 17th Century, 2. Free Hand Drawing, 2. Elocution.	Trigonometry & Surv'g., 4. Medieval History, 2. German, 3. Physics, 2. History of Eng. Revo'ns., 2. Zoölogy, 2. Elocution.	Medieval History, 2. German, 3. Drawing from Nature, 3. Zoölogy, 2. Water Color Painting, 5. Perspective Drawing, 2.	Trigonometry & Surv'g., 4. German, 3. Physics, 2. Drawing from Nature, 3. Water Color Painting, 2. Perspective Drawing, 2. Architectural Drafting, 2.
Second Term	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 2. Latin, 3. Elocution.	Analytical Geometry, 4. Modern History, 3. German, 2. Physics, 2. Latin, 3. Mechanical Drafting, 2. Elocution.	Analytical Geometry, 4, Modern History, 3. German. 2. Physics, 2. Zoölogy, 2. Perspective Drawing, 2. Elocution.	Modern History, 3. Artistic Anatomy, 2. Zoölogy, 2. Water Color Painting, 5. Perspective Drawing, 2. Etching, 2.	Analytical Geometry, 4. Physics, 2. Artistic Anatomy, 2. Water Color Painting, 2. Perspective Drawing, 2. Architectural Drafting, 3. Etching, 2.
Third Term.	Calculus, 4. Modern History, 3. German, 3. Physics, 2. Greek, 3. Elocution.	Calculus, 4. Modern History, 3. German, 2. Physics, 2. Botany, 2. Architectural Drafting, 2. Elocution.	Calculus, 4. Modern History, 3 German, 2. Physics, 2. Botany, 2. Perspective Drawing, 2. Elocution.	Modern History, 3. Botany, 2 Perspective Drawing, 2. Illumination & Lettering, 2. India Ink & Sepia Drawing, 4. Water Color Painting, 3.	Calculus, 4. Architectural Drafting, 3. Physics, 2. Perspective Drawing, 2. Illumination & Lettering, 2. India Ink & Sepia Drawing, 3.

JUNIOR YEAR.

First Term.	French, 3. Logic, 2. Chemistry, 2. Latin, 3 *Mechanics*,4. *German*. 3. *History of Eng. Rev's*, 2. *Tribal Migrations*, ½. *Free Hand Drawing*, 2. Elocution.	French, 3. Logic, 2. Chemistry, 2. Latin, 3. *Mechanics*, 4. *Political Economy*, 3. *Zoölogy*, 2. *Tribal Migrations*, ½. Elocution.	French, 3. Logic, 2. Chemistry, 2. Mechanics, 4. *English Literature*, 3. *Tribal Migrations*, ½. *American Revolution*, 1. Elocution.	French, 3. Æsthetics, 1. Chemistry, 1. Oil Painting, 5. Drawing from Nature, 4. English Literature, 3. Elocution, 1.	French, 3. Æsthetics, 1. Chemistry, 1. Analytical Mechanics, 4. Medieval History, 2. Architectural Drafting, 5. Elocution, 1.
Second Term.	French, 2. Astronomy, 3. Logic, 2. Chemistry, 2. Psychology, 2. *Mechanical Drafting*, 2. *Anglo-Saxon*, 1. *German*, 2. *Comparative Philo'gy*. 2. *Hebrew*, 2. Elocution.	French, 2. Astronomy, 3. Logic, 2. Chemistry, 2. Psychology, 2. Philosophy of History, 1. *Anglo-Saxon*, 1. *Zoölogy*, 2. *History of the French Revolution*, 2. Elocution.	French, 2. Astronomy, 3. Logic, 2. Chemistry, 2. Psychology, 2. *Anglo-Saxon*, 1. *German Literature*, 2. *English Literature*, 3. History of the French Revolution, 2. Elocution.	French, 3. Oil Painting, 5. Col'd Crayon Drawing, 3. History of the Fine Arts in Outline, 1. Photography, 2. English Literature, 3. Elocution, 1.	French, 2. Architectural Drafting, 5. Strength of Materials, 1. History of the Fine Arts in Outline, 2. Photography, 2. Modern History, 3. Elocution, 1. Typographical Drawing, 2.
Third Term.	French, 3. History of Logic, 1. Psychology, 2. Latin, 3. Chemistry, 2. *Acoustics & Optics*, 3. *History of Education*, 1. *German*, 2. *English Tongue*, 2. *Greek Literature*, 2. *Plato contra Atheos*. 3. *Architectural Draft'g*, 2. *Hebrew*. 2. Elocution.	French, 3. History of Logic, 1. Psychology 2. Latin, 3. Chemistry, 2, *Acoustics and Optics*, 3. *History of Education*, 1. *English Tongue*, 2. Elocution.	French, 3. History of Logic, 1. Psychology, 2. Chemistry, 2. Acoustics and Optics, 3. History of Education, 1. *German Literature*, 2. *English Tongue*, 2. *English Literature*, 3. *Analytical Chemistry* 2. Elocution.	French 3. Oil Painting. 5. Drawing from Nature, 4. History of the Fine Arts in Outline, 1. Photography, 2. *English Literature*, 3. Elocution, 1.	French, 3. Oil Painting, 1. History of the Fine Arts in Outline, 2. Photography, 2. Modern History, 3. Elocution, 1. Architectural Drafting, 5.

SENIOR YEAR.

First Term.	Geology, 3. Moral Philosophy, 3. Æsthetics, 1. English Literature, 3. *Political Economy*, 3. *French Liter'e, or Ita'n*, 2. *International Law*. 2. *Integral Calculus*, 2. *Greek Literature*, 2. *Zoölogy* 2. *Analytical Chemistry*. 2. *Const. Hist. of England*, 2. *American Revolution*, 1. *Hist. of Hist. Writ'gs*. ½. Elocution.	Geology, 3. Moral Philosophy, 3. Æsthetics. 1. English Literature, 3. *French Lit'e. or Ita'n.*, 2. *International Law*, 2. *Integral Calculus*, 2. *Analytical Chemistry*, 2. *Const. Hist. of England*, 2. *American Revolution*, 1. *Hist. of Hist. Writ'gs*, ½. Elocution.	Geology, 3. Moral Philosophy, 3. Æsthetics, 1. *Political Economy*. 3. *French Lit'e or Ita'n*. 2. *International Law*, 2. *Integral Calculus*. 2. *Analytical Chemistry*, 2. *Const. Hist of Engl'd*, 2. *Hist. of Hist. Writ'gs*, ½ Elocution.	Geology, 1. Oil Painting, 5. Drawing from Nature, 2. Classical Archæology, 1. Italian, 2. Classical Mythology. 1. Essay on Art, (Monthly.) History and Styles of Engraving, 1. Hist. of Architecture, 1.	Geology, 1. Architectural Drafting, 6. Political Economy, 3. Italian, 2. Classical Archæology, 1. Essay on Art, (Monthly.) History & Styles of Engraving, 1. History of Architecture, 1.
Second Term.	Geology, 2. Art History, 1. Christian Evidences, 3. English Literature, 3. Philosophy of Hist. 1. *Political Economy*, 3. *French Lit'e. or Ita'n*,, 2. *Rhetoric*, 2. *Analytical Mechanics*, 3. *German Literature*, 2. *Zoölogy*, 2 *Analytical Chemistry*, 2. *Revol's of the 19th Cen.* 3. *Hist. of French Rev.*, 2. *Greek* 3. Elocution.	Geology, 2. Art History, 1. Christian Evidences, 3. English Literature, 3. *Political Economy*, 3. *French Lit'e. or Ita'n.*, 2 Rhetoric, 2. *Analytical Mechanics*, 3. *German Literature*, 2. *Analytical Chemistry*. 2. *Revo's. of the 19th Cen.* 3. Elocution.	Geology, 2. Art History 1. Christian Evidences, 3. Philosophy of History, 1. *Political Economy*, 3. *French Lit'e or Ita'n*, 2. Rhetoric, 2. *Analytical Mechanics*, 3. *Analytical Chemistry*. 2. *Revol's of the 19th Cen.* 3. Elocution.	Oil Painting, 6. Decorative Art, 2. History of Sculpture, 1. Philosophy of History, 1. Italian, 2. Rhetoric, 2. Essay on Art, (Monthly,) Christian Archæology & Symbolism in Art, 1. Medieval Archæology, 1.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Political Economy, 3. Italian. 2, Rhetoric, 2. Essay on Art, (Monthly.) Medieval Archæology, 1.
Third Term.	History of Philosophy, 3. Art History, 1. Christian Evidences, 2, Constitutional Law, 3. *History of Civilization*, 3. *Astronomy*, 3 *German Literature*, 2. *English Literature*, 3. *Botany*, 2. *Analytical Chemistry*, 2. *Hist. of Civil Liberty*, 1. Elocution.	History of Philosophy, 3. Art History, 1. Christian Evidences, 2. Constitutional Law, 3. *History of Civilization*, 3. *Astronomy*, 3. *German Literature*, 2. *English Literature*, 3. *Analytical Chemistry*, 2. *Hist. of Civil Liberty*, 1. Elocution.	History of Philosophy, 3 Art History, 1. Christian Evidences, 2 Constitutional Law, 3 *History of Civilization*, 3. *Astronomy*, 3. *Analytical Chemistry*, 2. *Hist. of Civil Liberty*, 1. Elocution.	Oil Painting, 5. Art Criticism, 1. Encyclopædia of Art Lit. 1 History of Civilization, 3. Landscape Gardening, 1. Essay on Art, (Monthly.) Drawing from Nature, 2. History of Painting, 1.	Modern Architecture, 1. Architectural Drafting, 6. Art Criticism, 1. Encyclopædia of Art Lit. 1 History of Civilization, 3. Landscape Gardening. 1. Essay on Art, (Monthly.) History of Painting, 1.

College of Physicians and Surgeons.

The College of Physicians and Surgeons had the good fortune at the outset to obtain the Medical Library and Museum of the Geneva Medical College, and to secure the services of a majority of its Faculty. To these were added a number of Professors, residents of Syracuse and elsewhere, constituting a new Faculty, by whom instruction is given in all the branches that are now considered essential to a complete and thorough medical education.

Syracuse is centrally located and growing rapidly. It has Hospitals and Dispensaries, that afford good opportunities for Clinical Instruction. It was for these and other reasons that the friends of the Geneva Medical College approved the transfer of the Library and Museum.

Under these circumstances, it seemed to be a proper time to set out with such improved methods of study as would meet the demands of the Profession at the present day. These demands, as promulgated by the American Medical Association, are for a course of study that shall be more systematic, thorough and complete, than has hitherto been pursued; that shall make a Medical Diploma an evidence that its possessor has a positive, accurate, thorough and practical knowledge in every department of Medicine.

PLAN PROPOSED.

The plan and scope of the new method proposed by the College of Physicians and Surgeons of the Syracuse University, are briefly as follows:

The regular course of study will cover a period of three

years. The collegiate year will begin on the first Thursday in October, and end on the last Wednesday in June, and will be divided into two equal Terms by a vacation of two weeks.

For the present, the first Term will be devoted mainly to lectures, with practical exercises, and will be designated as the Lecture Term.

The second Term will have recitations as the principal feature and will be called the Recitation Term. In the first Term, however, there will be daily recitations, and in the second Term, frequent lectures and clinical Instruction, the arrangement of which will be planned with reference to the general scheme of studies proposed.

Attention is called to the fact that for the present, and until further notice, it is optional with students whether they shall pursue the ordinary course of three years' study in the office of a regular physician, and attend at least two full Courses of Lectures, the last of which must be at this College; or adopt the new course recommended by the Faculty and explained in detail below. This announcement is made to correct a misapprehension, which may prevail, that students pursuing the ordinary plan, will not have all the advantages which they would have possessed if the improved plan had not been adopted.

Each student, before entering upon the course of instruction, will be required to register his name, his place of residence, and the name of the Medical Practitioner with whom he has pursued his professional studies, in a book provided for the purpose, and pay to the registrar the fees for matriculation and instruction.

Students who have attended two full courses of the regular lectures at this College, or one full term at any other regular Medical School, and another at this institution, will be admitted to all future lectures at this College, on payment of the Matriculation fee alone.

FIRST TERM.

Full and complete courses of lectures will be given in all the various departments of Medical Science by different members of the Faculty.

SECOND TERM.

This will be occupied with daily recitations, and lectures of a more familiar form, clinical and otherwise, from the members of the Faculty residing in Syracuse. It will embrace instruction in the several departments of Medicine, as varied as the programme of the lecture course. There are some topics which can be properly taught only by the recitation method, and in all cases there is an advantage in combining the two modes of instruction. This additional Term, with the opportunities it affords, is of itself no small improvement upon the one hitherto followed, which was an attendance upon a course of lectures during four months, the remainder of the year being spent in desultory reading in a physician's office, with or without an occasional recitation.

But the plan proposed has a still wider scope. Too frequently in the case of Medical students beginning their professional studies at our best Medical Colleges, there have been no previous opportunities for the acquisition of even the elements of science, or any adequate mental discipline.

To supply this need, something more is necessary than long courses of lectures from talented and accomplished lecturers. From these alone, valuable and essential as they are, practical knowledge and skill cannot be acquired.

For those students who are beginning the study of Medicine, a well-proportioned and definite plan has been arranged, which, beginning with the elementary branches of the science, will conduct the pupil through the whole course with the same regard to order in acquirement, mental discipline and completeness of instruction that prevails in any other department of education.

ORDER OF STUDY.

The order of study to be pursued during the full course recommended to students, including both the Lecture and Recitation terms, is as follows:

FIRST YEAR.

Anatomy, Physiology and General Chemistry, with the regular lectures on the same.

SECOND YEAR.

Medical Chemistry, Materia Medica, Pathological Anatomy, Didactic and Clinical Medicine and Surgery, with the regular lectures on each subject, and also on those pursued the preceding year.

THIRD YEAR.

Pathological Anatomy continued, Therapeutics, Obstetrics, Medical Jurisprudence, Didactic and Clinical Medicine and Surgery continued, with lectures on all the branches of the entire course.

Examinations of those pursuing this course will be held at the beginning, middle and end of each year. The examinations at the beginning of the year are for students desirous of entering advanced classes. Students who take the regular course of this college will be divided into three classes, according to their time of study and proficiency.

The regular examinations will be held in the following order:

At the end of the first year, Anatomy, Physiology, Chemistry.

At the end of the second year, Medical Chemistry, Materia Medica, Pathological Anatomy.

At the end of the third year, Therapeutics, Obstetrics, Theory and Practice of Medicine, Clinical Medicine, Surgery and Clinical Surgery and Medical Jurisprudence.

Students who have pursued their studies elsewhere, may become candidates for a degree without joining the regular classes,

completing their studies in such order as may be deemed best, and passing the examinations at the end of each course.

Students who do not intend to offer themselves for a degree, may join the college for one term or more, and pay for instruction in such subjects as they select. Such students will be furnished, without examination, with certificates of attendance.

GENERAL AND SPECIAL ANATOMY.

Anatomy is universally regarded as the foundation of all surgical science; if, therefore, this branch is neither definite in character, nor complete in all its details, the superstructure must of necessity be faulty, indefinite and incomplete. Adopting this view of the subject, the Professor of this department is determined to be thorough in all the branches of General and Special Anatomy, while at the same time he will make every effort to present the various topics of this science in such a manner as to interest and thoroughly instruct his pupils. The means of illustration are abundant and well adapted to the purpose of anatomical instruction.

An ample supply of material is always to be found in the dissecting rooms, where, under the supervision of the Professor of Anatomy and the Demonstrator of Anatomy, no pains will be spared to advance the scholars in the studies of this department.

DEPARTMENT OF SURGERY.

This embraces Surgical Pathology and Surgical Therapeutics, which will be taught by lectures, both didactic and clinical.

The Theory and Practice of Surgery in all its branches, will be illustrated by lectures and operations upon clinical cases through the entire session of the Collegiate year.

Surgical Specialties have been provided for, through teachers of conceded eminence in their particular fields of labor, who will be able to impress the correctness of the principles they teach by the exhibition of clinical cases and operations.

St. Joseph's Hospital, a most valuable institution, which has been in successful operation for a considerable period, and which includes in its corps of medical and surgical attendants several members of the College Faculty, will be available for all its clinical advantages to the students of the Medical College.

The Pathological Museum of the College will furnish examples illustrative of Surgical Pathology.

Text Books—Gross, Erichsen, Fergusson, Holmes, Hamilton; Surgical Pathology—Paget, Billroth.

PRINCIPLES AND PRACTICE OF MEDICINE.

It will be the object of the Professor of Practical Medicine, to present to the class the great principles of medicine as deduced from scientific research, pathological investigations, and the united and careful observation of the more advanced portion of the Profession up to the present time; meantime, illustrating the subject under consideration by clinics and by reference cases that have fallen under his own personal observation during the past twenty-five years.

Text-books—Niemeyer, Flint, Aitken, Bennett, Wood, Tanner.

PHYSIOLOGY, PATHOLOGY AND HYGIENE.

The lectures embraced in the first part of this course, will be devoted to a consideration of the *normal* or *healthy* action of all the parts comprising the human organism. They will faithfully represent the present advanced state of physiological science.

The second part of the course will be devoted to the consideration of those *departures* from healthy action, which constitute pathological or diseased action, and to an analysis of *morbid processes* in connection with their predisposing and exciting causes.

The lectures on Hygiene will be an exposition of the principles of sanitary science, and of their practical application to the maintenance of health and the prevention of diseases.

MATERIA MEDICA AND THERAPEUTICS.

This department is amply provided with specimens and pharmaceutical preparations, the nature and properties of which the Professor will carefully explain in his lectures, and show their application to disease.

OPHTHALMOLOGY.

The course of Ophthalmology will consist of lectures on Anatomy, Physiology and Diseases of the Eye. The lectures will be illustrated by microscopical preparations, drawings and models; and when practicable, clinical remarks and operations will be made before the class.

CHEMISTRY.

Instruction in this department, besides an extended course of lectures on Elementary Chemistry, will include lectures on Heat, Light, Electricity, and cognate branches. The Institution being well supplied with apparatus, these lectures will be illustrated throughout with experiments, and accompanied by thorough reviews and examinations.

Students more advanced in the science will be admitted to the Analytical Laboratory, and furnished with all the necessary material and apparatus, and will conduct with their own hands, under the direction and supervision of the Professor, a systematic course of analysis of soils, minerals, medicines, waters, &c. Much attention will be given to Chemical Technology, to blow-pipe examinations, and Toxicological investigations.

This plan, it is believed, is calculated to make thoroughly practical and self-reliant chemists.

Text-books—*Chemistry and Pharmacy*—Brande and Taylor's Chemistry; Miller's Chemistry; Bowman's Practical Handbook of Medical Chemistry, and Introduction to Practical Chemistry; Towler's translation of a Guide to a Course of Quantitative Chemical Analysis; Morfit's Chemical and Pharmaceutic Manipulations; Parrish's Practical Pharmacy; Fres-

enius' Analytic Chemistry, and Storer's Cyclopedia of Chemical Analysis.

Toxicology—Taylor on Poisons; Otto's Manual of the Detection of Poisons; and Wormley's Micro-Chemistry of Poisons.

OBSTETRICS.

In this department the science and practice of Obstetrics will be thoroughly discussed and demonstrated by frequent operations on the Manikin; and it is expected that each student in the graduating class will have opportunities to take charge of cases of midwifery.

The Pathological Cabinet is provided with specimens illustrative of Uterine Pathology, and models showing the different stages of gestation.

Text-books.—Bedford, Cazeaux, Thomas, Ramsbotham, Elliot's Obstetrical Clinic.

College of the Fine Arts.

ORGANIZATION AND SCOPE.

The College of the Fine Arts was established on June 23, 1872, and was inaugrated on September 18th following. It is the intention that the scope of this College shall ultimately include instruction in all the Fine Arts, that is: (1), in the *Formative Arts*, Architecture, Sculpture, Painting, Engraving and the various forms of Industrial Art; and, (2), in the *Sounding Arts*, Music, Poetry and Belles-lettres Literature, and Oratory. At present, courses of Instruction in Architecture, Painting and Engraving only have been organized. Other courses will be added as fast as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the Course in Architecture, will be examined in English Grammar, Geography, American History, Arithmetic, Algebra as far as the Calculus of Radicals, Plane Geometry, and Drawing sufficient to represent at least the progress usually made by students in a year of study

Candidates for admission to the Courses in Painting and Engraving will be examined in the same studies as above, with the exception that a second year in Drawing will take the place of Algebra and Geometry.

Special Students, or those not purposing to graduate in either course, may enter at any time, and take up such branches as they are prepared to pursue.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and promotion will, in general, be coincident with those in the College of the Liberal Arts.

An annual exhibition of the works of art produced by the students during each year, will be held during the last week of the collegiate year.

DEGREES.

Persons graduating in the course in Architecture will receive the degree of Bachelor of Architecture (B. Ar.); those in the course in Painting, will receive the degree of Bachelor of Painting (B. P.); those in the course in Engraving, that of Bachelor of Engraving (B. Eg.). Special students may receive certificates of progress and proficiency.

EXPENSES.

Matriculation to the University, $5; tuition, $100 per year, (or $33.33⅓ for a single term); graduation, in each course, $20; board, with furnished room, can be obtained in the city for from $4 to $5 per week.

CALENDAR.

The collegiate year of thirty-nine weeks, is divided into three terms, as follows:

1875. January 4, Monday. Winter Term begins.
April 2, Friday. Winter Term ends.
April 5, Monday. Spring Term begins.
June 24, Thursday. Spring Term ends.
June 20–23. Annual Exhibition of Works of Art produced by the students.
June 23, Wednesday. Commencement.
September, 13, Monday. Fall Term begins.
December 17, Friday. Fall Term ends.
1876. January 3, Monday. Winter Term begins.

COURSES OF STUDY.

The following Schedules exhibit the Courses of Study, in Architecture and Painting. The Course in Engraving is identical with that in Painting, in the first two years; in the last two years Engraving is substituted for Painting.

COURSE IN ARCHITECTURE.

The figures denote the number of lessons or lectures in each branch of study per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Drawing from Patterns, 5. Drawing from Casts, 3. Algebra, 4. German Language, 4.	Architectural Drafting, 2. Drawing from Nature, 3. Water Color Painting, 2. Trigonometry and Surveying, 4. German Language, 3. Physics, 2.	Architectural Drafting, 5. Analytical Mechanics, 4. Æsthetics, 1. Chemistry, 1. French Language, 3. Medieval History, 2. Elocution. 1.	Architectural Drafting, 6. History of Architecture, 1. History and Styles of Engraving, 1. Classical Archeology, 1. Essay on Art, (Monthly.) Geology, 1. Political Economy, 3. Italian Language, 2.
SECOND TERM.	Architectural Drafting, 5. Drawing from Patterns, 3. Drawing from Casts, 2. Algebra, 4. German Language, 3. Ancient History, 1.	Architectural Drafting, 3. Perspective Drawing, 2. Water Color Painting, 2. Artistic Anatomy, 2. Etching, 2. Analytical Geometry, 4. Physics, 2.	Architectural Drafting, 5. Strength of Materials, 1. History of the Fine Arts in Outline, 1. Topographical Drawing, 2. Photography, 2. French Language, 2. Modern History, 3. Elocution, 1.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Essay on Art, (Monthly.) Medieval Archeology, 1. Rhetoric, 2 Italian Language, 2. Political Economy, 3.
THIRD TERM.	Architectural Drafting, 5. Drawing from Nature, 3. Geometry, 4. German Language, 3. Ancient History, 1.	Architectural Drafting, 3. Perspective Drawing, 2. Illumination and Lettering, 2. India Ink and Sepia Drawing, 3. Calculus, 4. Physics, 2. Botany, 2.	Architectural Drafting, 5. Oil Painting, 1. History of the Fine Arts in Outline, 2. Photography, 2. French Language, 3. Modern History, 3. Elocution, 1.	Architectural Drafting, 6. Modern Architecture, 1. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Landscape Gardening, 1. History of Civilization, 3. Graduating Thesis.

COURSE IN PAINTING.

The figures denote the number of lessons or lectures in each branch of study per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Drawing from Patterns, 5. Drawing from Casts, 5. German Language, 4. Physical Geography, 2. Physiology, 1.	Drawing from Nature, 3. Perspective Drawing, 2. Water Color Painting, 5. German Language, 3. Natural History, 2. Medieval History, 2.	Oil Painting, 5. Drawing from Nature, 4. Æsthetics, 1. French Language, 3. English Literature, 3. Chemistry, 1. Elocution, 1.	Oil Painting, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archeology, 1. History and Styles of Engraving, 1. Essay on Art, (Monthly.) Geology, 1. Italian Language, 2.
SECOND TERM.	Drawing from Patterns, 5. Drawing from Casts, 5. Architectural Drafting, 3. German Language, 4. Physical Geography, 2. Physiology, 1. Ancient History, 1.	Perspective Drawing, 2. Water Color Painting, 5. Artistic Anatomy, 2. Etching, 2. Natural History, 2. Modern History, 3.	Oil Painting, 5. Drawing in Colored Crayons, 3. History of the Fine Arts in Outline, 1. Photography, 2. French Language, 3. English Literature, 3. Elocution, 1.	Oil Painting, 6. Decorative Art, 2. History of Sculpture, 1. Essay on Art, (Monthly.) Christian Archeology and Symbolism in Art, 1. Rhetoric, 2. Italian Language, 2. Philosophy of History, 1.
THIRD TERM.	Drawing from Nature, 5. Architectural Drafting, 3. Geometry, 1. German Language, 3. Physical Geography, 2. Physiology, 1. Ancient History, 1.	Perspective Drawing, 2. Water Color Painting, 3. Illumination and Lettering, 2. India Ink and Sepia Drawing, 4. Botany, 2. Modern History, 3.	Oil Painting, 5. Drawing from Nature, 4. History of the Fine Arts in Outline, 1. Photography, 2. French Language, 3. English Literature, 3. Elocution, 1.	Oil Painting, 5. Drawing from Nature, 2. History of Painting, 1. Art Criticism. 1. Encyclopedia of Art Literature, 1. Landscape Gardening, 1. History of Civilization, 3. Graduating Thesis.

Subjects and Methods of Instruction.

The courses of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture, Painting and Engraving, and in those branches of mathematics, natural science, history, language, and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domains of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the courses of this college.

The professors are proficient and practical workers in their several departments. The students will have access to their studios and offices, and will have opportunity of witnessing works of art and edifices in process of completion by their hands or under their direction.

It will be the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, rather than with the purpose of moulding all after the same arbitrary method.

FREEHAND DRAWING.

Freehand Drawing is taught extensively in all the courses, as giving the only basis for accuracy in observing nature and art, and for freedom and precision in delineating and executing designs. Freehand Drawing is continued as a required exercise during nearly the entire courses in Painting and Engraving.

A large collection of copies has already been formed from among the best series that are employed in the various art

schools of England, France and Germany. These include every variety of subjects, such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentation, and designs for various branches of industrial art. Drawing from objects, from nature, from memory, and from original designs is introduced in such variety, sequence and extent, as may be fitting to each individual student. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, india ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and manner of executing their own drawings.

ARCHITECTURAL DRAFTING.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details, and working drawings; the principles of taste in their application to architectural composition; the study of executed works and of works in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usuages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Special instruction will also be given in the principles and practice of Decorative Art, and of Landscape Gardening and Architecture.

OIL PAINTING.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time is appropriated in the curriculum to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted, in whole or in part, of study in water colors instead of oil colors. Instruction will be given in the use of colors, the principles of technical execution, and the laws of composition; at the same

time, students will be left to develop originality and individuality of style, and to decide whether they shall devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or whether they shall divide their time between several of these branches.

PHOTOGRAPHY.

As a valuable, if not an indispensable aid to the architect, and more especially to the painter, photography is included in the studies of both curriculums. A photographic studio will soon be provided, furnished with all the latest improvements in the art. Meantime instruction will be given at the studio of the professor having charge of this department. Any person wishing to secure a complete education as a photographic artist may substitute extended practice in this art, for a large portion of the study appropriated to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

ESTHETICS.

Instruction is given by lectures in the general principles of the science of Esthetics, the principles of criticism which apply especially to Architecture and Painting being also treated more at length in separate courses of lectures.

HISTORY OF THE FINE ARTS.

A course of lectures will be given upon the History of the Fine Arts in Outline, in which will be traced the leading features of the fine arts, as a whole, as they have manifested themselves in human history, and the relation which these arts have held to other elements of civilization. Courses will be given upon the special history of Architecture, Sculpture, Painting and Engraving.

CLASSICAL MYTHOLOGY AND ARCHEOLOGY.

Courses of lectures will be given upon the Mythology of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of classical archeology, and the geographical distribution of monuments of ancient art.

CHRISTIAN AND MEDIEVAL ARCHEOLOGY.

Courses of lectures will be given upon Christian Archeology, in which will be traced the origin and development of symbolism and the illustration of Christian Doctrine in the fine arts; and upon the general principles of Medieval Archeology.

ESSAYS.

During the first and the second terms of the Senior Year, each student will present three essays upon subjects relating to the fine arts, each essay of not less than six hundred words in length. During the last term of the Senior Year each student will present a thesis of not less than a thousand words in length, upon some subject relating to the fine arts, written upon paper of uniform size, to be preserved in the archives of the college.

ART LITERATURE.

A course of lectures will be given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

RELATED STUDIES.

The proximity of the College of Liberal Arts renders it possible to insert in the curriculums of this college, selections of such studies as are essential to the complete education of the architect and painter, both as an artist and as a person of general culture. The following studies have been thus added to one or both of the curriculums, as is shown on pages 70 and 71: *Mathemetics*, Algebra, Geometry, Trigonometry and Surveying, Analytical Geometry, Calculus, Analytical Mechanics; *Natural Science*, Physics, Chemistry, Physiology, Natural History, Botany, Geology, Physical Geography; *Languages*, German, French, Italian; *History*, Ancient, Medieval and Modern, History of Civilization, History of Philosophy, Philosophy of History; *English Literature; Rhetoric; Elocution;*

Political Economy. To a limited extent, the equivalent in other studies having a direct relation to the Fine Arts may be substituted for a portion of the above studies.

The College of Physicians and Surgeons offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

MUSEUM.

As a nucleus to a museum there have been procured from Europe several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture, painting and the industrial arts. A full-sized plaster cast of the statue of Apollo Belvidere has been presented to the college by Professor Winchell. A box of Minton's encaustic tiles has been presented by the American agents, Messrs. Coates and Miller of New York. A sufficient number of architectural and other casts has been procured, to meet the immediate wants of the college.

LIBRARY AND READING ROOM.

As a nucleus to a Library of the Fine Arts, a number of valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. A large number of the most important art journals from European countries are supplied to the Reading Room, thus, enabling the students to have access to the latest criticisms in art, and to information concerning all important, recent works upon this subject.

ESTHETIC SOCIETY.

The students of the college have organized an "Esthetic Society," which holds meetings at stated times for mutual improvement and esthetic and social culture. During the spring and fall terms, sketching excursions are taken by the society amid the picturesque scenery which abounds in the environs and the vicinity of the city of Syracuse.

Summary of Students.

COLLEGE OF LIBERAL ARTS

Senior Class,	32	
Junior Class,	27	
Sophomore Class,	44	
Freshman Class,	46	149

COLLEGE OF MEDICINE.

In all Classes,	63

COLLEGE OF FINE ARTS.

Senior Class,	2	
Junior Class,	7	
Sophomore Class,	11	
Freshman Class,	6	26
Total,		238

PREPARING FOR COLLEGE IN THE GYMNASIA.

GYMNASIA A.—CLAVERACK.

Class of 1879, 10—Class of 1880, 7—Class of 1881, 10——27

GYMNASIUM B.—CAZENOVIA.

Class of 1879, - - 6 Class of 1880, 24——30

GYMNASIUM C.—ANTWERP.

Class of 1875,	2	Class of 1877,	7
Class of 1876,	1	Class of 1878,	9——19

GYMNASIUM D.—AMENIA.

Class of 1879, 6—Class of 1880, 9—Class of 1881, 17——32

GYMNASIUM E.—NUNDA.

Class of 1879, - - 15 Class of 1880, 19——34

GYMNASIUM F.—ONONDAGA.

Class of 1880, - - 3 Class of 1881, 3—— 6

Total, - - - - - - 148

Calendar.

I. COLLEGE OF LIBERAL ARTS.

1876. April 4. *Tuesday*, 8.35 A. M. Spring Terms begins.
June 6. *Tuesday*, The Seniors will present their graduation theses.
" 14–16. *Wed.–Frid.* Final Examination of Seniors.
" 16. *Friday.* Senior Vacation begins.
" 21–23. *Wed.–Frid.* Term Examinations.
" 24. *Saturday*, 8 P. M. Elocutionary Rehearsal of the Sophomore class.
" 25, *Sunday*, 3 P. M. Bacaulaureate Address by the Chancellor.
" 25. *Sunday*, 8 P. M. Sermon before the Society of Religious Inquiry, by Rt. Rev. F. D. Huntington, D.D.
" 26. *Monday*, 9 A. M. Entrance Examinations. Subject: *Latin*,
" 26. *Monday*, 2 P. M. and 8 P. M. Class Day Exercises.
" 27. *Tuesday*, 9 A. M. Entrance Examinations. Subjects: *Greek* and *Mathmatics*.
10 A. M. Business Meeting of the Alumni Association.
2 P. M. Annual Meeting of Board of Trustees.
2 P. M. Literary Meeting of the Alumni Association in the chapel.
" 28. *Wednesday*, 9 A. M. Examinations continued.
2 P. M. Fifth Annual COMMENCEMENT.
" 29. *Thursday.* Summer Vacation begins.
Sept. 18. *Monday*, 9 A. M. Entrance Examinations.
" 21. *Thursday.* Classes meet. Students assemble in chapel at 8.30 A. M.

Oct. 16. *Monday.* Special Examinations for Rank.
Dec. 20. *Wednesday.* Term Examinations begin.
" 22. *Friday.* Fall Term ends. Holiday recess begins.
1877. Jan. 8. *Monday.* 8.30 A. M. Winter Term begins.

II. COLLEGE OF MEDICINE.

1876. Feb. 24. *Thursday.* Second Term begins,
June. 28. *Wednesday.* Second Term ends. COMMENCEMENT.
Oct. 5. *Thursday.* First Term begins.

III. COLLEGE OF FINE ARTS.

The Terms are coincident with those of the College of Liberal Arts.
1876. June 21-28. Annual Exhibition of works of Art produced by students.
June 28. *Wednesday.* COMMENCEMENT.
July 11–Aug. 4 Normal Institute of Drawing and Painting.*

*For Circular containing full information concerning the Normal Institute, address Prof. G. F. Comfort, Dean of the College of Fine Arts.

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